

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: www.energy.ca.gov



**Notice of Staff Workshop on
Issue Resolution and Review of Staff and Applicant
Analyses and Data in regard to
Worker Safety and Fire Protection for the
Abengoa Mojave Solar project
(09-AFC-5)**

The California Energy Commission staff will conduct a workshop for the proposed Abengoa Mojave Solar project to discuss the clarification of staff and applicant analyses and data in regard to Worker Safety and Fire Protection. Staff, the applicant and interested parties will work to resolve outstanding issues in regard to Worker Safety and Fire Protection. All interested agencies and members of the public are invited to participate.

The workshop will be held:

**WEDNESDAY, JULY 28, 2010
Beginning at 1:00 PM**

**California Energy Commission
Hearing Room B
1516 9th Street
Sacramento, CA 95814-5512
(Wheelchair Accessible)**

Call-in Number (toll free): **888-566-6172** (pass code: **39207**)

PURPOSE

The purpose of the workshop is to allow staff, the applicant, interested agencies, and the public to discuss the clarification of staff and applicant analyses and data in regard to

Worker Safety and Fire Protection. Staff, the applicant and interested parties will work to resolve outstanding issues in regard to Worker Safety and Fire Protection.

The status of the proposed project, copies of notices, an electronic version of the AFC, and other relevant documents are also available on the Energy Commission's Internet web site at: <http://www.energy.ca.gov/sitingcases/abengoa>.

Project Location

The proposed project site is approximately nine miles northwest of the town of Hinkley in unincorporated San Bernardino County, approximately halfway between the city of Barstow and Kramer Junction (Highway 395 / Highway 58 junction). Project access is provided by Harper Lake Road, which is located approximately twenty miles west of Barstow along the Highway 58 corridor. The project site is approximately six miles north of where Harper Lake Road intersects with Highway 58. The existing Solar Electric Generating Stations VIII and IX facilities, owned by NextEra[™] Energy Resources, are located immediately northwest of the project site. The project site is comprised of private property that was historically used as the Lockhart Ranch complex.

Project Description

The proposed AMS project is a solar electric generating facility with two units on separate solar fields totaling approximately 1,765 acres. An additional 81 acres shared between the units would be utilized for improvements designed for receiving and discharging offsite drainage.

The project would utilize solar parabolic trough technology to activate a heat transfer fluid, which, when heated, is used to create steam that is used to drive steam turbine generators. The sun would provide 100 percent of the power supplied to the project. The project would have a combined nominal electrical output of 250 megawatts (MW) from twin, independently-operable solar fields, each feeding a 125-MW power island. Natural gas from an adjacent pipeline will be used for the project's ancillary equipment, such as the auxiliary boilers. Each power island would also contain a diesel engine-driven firewater pump for fire protection and a diesel engine-driven backup generator for power plant essentials.

The AMS project proposes to connect to Southern California Edison Company's Kramer-Cool Water 230-kV transmission line which is adjacent to the southern border of the proposed project site. All project-related transmission facilities would be within the project boundaries except the connection to the existing transmission line adjacent to the site. The AMS project proposes to use wet cooling towers for power plant cooling and owns or has rights to adjudicated water rights to the Harper Valley Groundwater Basin for this purpose. This groundwater is considered brackish and/or not suitable for municipal supply or other potable uses. Water from onsite groundwater wells would be treated and used for the cooling tower makeup, process water makeup, and other industrial uses such as solar collector array washing.

If approved, construction of the generating facility, from site preparation and grading to commercial operation, is expected to take place from the fourth quarter of 2010 to the

fourth quarter of 2012 (24 months total). If approved, the applicant anticipates that the project would be on line and in commercial service by the fourth quarter of 2012.

PUBLIC PARTICIPATION

Please direct your technical or project schedule questions to Craig Hoffman, Energy Commission Project Manager, at (916) 654-4781, or by e-mail at choffman@energy.state.ca.us. If you desire information on participating in the Energy Commission's review of the project, please contact the Energy Commission's Public Adviser's Office, at (916) 654-4489 or toll free in California, at (800) 822-6228. The Public Adviser's Office can also be contacted via email at pao@energy.state.ca.us. News media inquiries should be directed to the media office at (916) 654-4989 or via email at mediaoffice@energy.state.ca.us. The status of the proposed project, copies of notices, an electronic version of the AFC, and other relevant documents are also available on the Energy Commission's Internet web site at: <http://www.energy.ca.gov/sitingcases/abengoa>. You can also subscribe to receive e-mail notification of all notices at <http://www.energy.ca.gov/listservers>. By being on the mailing list, you will receive notices of all project-related activities and notices when documents related to the proposed project's evaluation are available for review. If you want your name removed from the mailing list, please contact Sabrina Savala, Project Assistant, at (916) 654-5182 or by email at ssavala@energy.state.ca.us.

Date: _____

TERRENCE O'BRIEN, Deputy Director
Siting, Transmission & Environmental
Protection Division

Proof of Service List 09-AFC-5
Mail Lists:

ENERGY COMMISSION STAFF

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